

YORK COUNTY LANDFILL
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. U.S. EPA Potential Hazardous Waste Site Identification and Preliminary Assessment, 3/23/84. P. 100001-100059. The following are attached:

- a) a memorandum, dated March 30, 1984, regarding wastes that were allowed by the Pennsylvania Department of Environmental Resources (PADER) to be disposed of at this site;
- b) a Field Trip Summary Report, dated March 23, 1984;
- c) Typical Analysis of P.H. Glatfelter Reclaimed Cellulose Fiber O.D.;
- d) three Laboratory Analysis Reports;
- e) Summary Table, Initial Background Water Quality Analysis;
- f) eight Chemical Analysis Annual Reports;
- g) Table 6, Summary of Volatile Organic Compounds Detected in Ground Water at the York County Landfill;
- h) three Special Analyses Reports;
- i) eight Water and Wastewater Reports;
- j) Attachment II, Laboratory Results, Laboratory Numbers 9166, 9168, and 9160;
- k) a letter, dated May 21, 1979, regarding the composition of the Nailslick waste that will be disposed for Noxell;
- l) a sample and laboratory report;
- m) two handwritten sheets from the University of Maryland listing substances and the associated amount;

* Administrative Record File available 1/21/93, updated 7/21/94, 11/30/94 and 1/6/95.

- n) nine PADER inspection reports and comment pages for sanitary landfills, industrial sites, demolition sites, flyash sites, and slag sites.
- 2. Report: Desk-top Site Inspection, York County Landfill, prepared by NUS Corporation, 7/17/84. P. 100060-100259. A transmittal letter and a letter regarding the response to peer review comments are attached.
- 3. Letter to Mr. Neil Swanson, U.S. EPA, from Mr. Gregory M. Snyder, Pennsylvania House of Representatives, re: Test results for water taken from the vicinity of the landfill, 7/26/84. P. 100260-100293. A letter regarding the growing problem with water pollution allegedly caused by a county landfill and the water test results are attached.
- 4. Memorandum to Mr. Neil Swanson, U.S. EPA, from Mr. Dick Brunker, U.S. EPA, re: Five volatile organic compounds (VOCs) found scattered among tested well waters and those VOCs found to be carcinogenic, 8/21/84. P. 100294-100297. Two tables containing the lifetime cancer risks of compounds are attached.
- 5. Memorandum to Mr. Jeffrey Pike, U.S. EPA, from Mr. Michael Wilson, U.S. EPA, re: Consent agreement with PADER resulting from the Site Investigation, 7/17/85. P. 100298-100298.
- 6. Memorandum to Mr. Abraham Ferdas, U.S. EPA, from Mr. Jeffrey Pike, U.S. EPA, re: Determination from available data and site visit of September 10, 1985 that the site at this time does not pose an imminent and substantial endangerment to the public health, 9/16/85. P. 100299-100299.

II. REMEDIAL ENFORCEMENT PLANNING

1. Consent Order and Agreement, In The Matter Of: York County Solid Waste and Refuse Authority, 12/14/87. P. 200001-200084. A transmittal letter and an Agreement for Amicable Action and Consent Decree In The Matter Of: Pennsylvania Department of Environmental Resources v. York County Solid Waste and Refuse Authority, dated May 17, 1984, is attached.

III. REMEDIAL RESPONSE PLANNING

1. Letter to Ms. Carol Stokes-Cawley, U.S. EPA, from Mr. Jeffrey P. Orient, NUS Corporation, re: Trip report to the York County Landfill Site on October 29, 1986, 11/7/86. P. 300001-300004. The trip report is attached.
2. Report: Work Plan for Remedial Investigation/Feasibility Study, Hopewell Landfill, Hopewell Township, York County, Pennsylvania, prepared by ICF Technology Incorporated, 3/88. P. 300005-300069.
3. Report: Work Plan for Remedial Investigation/Feasibility Study, Hopewell Landfill, Hopewell Township, York County, Pennsylvania, Appendices, prepared by ICF Technology Incorporated, 3/88. P. 300070-300304.
4. Report: Ground Water Elevation Time-Series for York County Solid Waste and Refuse Authority (YCSWRA) Monitoring Wells and Piezometers, prepared by Dunn Geoscience Corporation, 8/29/88. P. 300305-300322.
5. Report: YCSWRA Basic Well Parameters and Well Logs, prepared by Dunn Geoscience Corporation, 8/29/88. P. 300323-300435.
6. Report: YCSWRA Sampling Event Spread Sheets, prepared by Dunn Geoscience Corporation, 8/29/88. P. 300436-300519.
7. Report: Preliminary Health Assessment for York County Solid Waste Landfill, York County, Hopewell Township, Pennsylvania, prepared by the Agency for Toxic Substances and Disease Registry (ATSDR), 10/26/88. P. 300520-300524. A cover letter dated October 28, 1988 is attached.
8. Report: Final Remedial Investigation Report, York County Sanitary Landfill, Stewartstown, Pennsylvania, Volume I, prepared by ICF International, Inc., Dunn Corporation, and EA Engineering and Science, 6/15/92. P. 300525-300791.
9. Report: Final Remedial Investigation Report, York County Sanitary Landfill, Stewartstown, Pennsylvania, Volume II, prepared by ICF International, Inc., Dunn Corporation, and EA Engineering and Science, 6/15/92.

P. 300792-301028.

10. Report: Final Remedial Investigation Report, York County Sanitary Landfill, Stewartstown, Pennsylvania, Volume III, prepared by ICF International, Inc., Dunn Corporation, and EA Engineering and Science, 6/15/92. P. 301029-301212.
11. Letter to Ms. Ruth Bishop, PADER, from Mr. William M. Moran, ICF Kaiser Engineers, re: Pre-ground water analytical data base which was used to generate the summary tables E-1 and E-2 in Appendix E, 6/25/92. P. 301213-301294. The pre-ground water analytical data is attached.
12. Report: Draft Feasibility Study Report, York County Sanitary Landfill, Stewartstown, Hopewell Township, Pennsylvania, prepared by EA Engineering, Science, and Technology, Inc., 12/92. P. 301295-301514.
13. Report: Revised Draft Feasibility Study Report, York County Sanitary Landfill, Stewartstown, Hopewell Township, Pennsylvania, prepared by EA Engineering, Science, and Technology, Inc., 5/94. P. 301515-301812.
14. Letter to Ms. Ruth Bishop, PADER, from Mr. David P. Turner, U.S. EPA, re: Preliminary comments on the Revised Draft Feasibility Study Report, 5/31/94. P. 301813-301824. The preliminary comments are attached.
15. Letter to Ms. Ruth Bishop, PADER, from Mr. David P. Turner, U.S. EPA, re: Comments on the Revised Draft Feasibility Study Report, 7/1/94. P. 301825-301845. The comments and a fact sheet entitled "Problems Associated With the Use of Sulfide-Bearing Clays as Caps for Landfills" are attached.
16. Letter to Ms. Ruth Bishop, PADER, from Mr. David P. Turner, U.S. EPA, re: The NEPA coordinator's deference to the BTAG member's review comments, 7/7/94. P. 301846-301846.
17. U.S. EPA Superfund Program Proposed Plan, York County Solid Waste Landfill, Hopewell Township, York County, Pennsylvania, 7/21/94. P. 301847-301871.
18. Letter to Hopewell Township Board of Supervisors, from

Mr. David E. Vollero, YCSWRA, re: YCSWRA's notification of objection to some statements and recommendations from the Proposed Plan, 8/10/94. P. 301872-301873. YCSWRA's Review of U.S. EPA's Proposed Remedial Action Plan is attached.

19. Letter to Hopewell Township Supervisors, from Mr. Richard M. Bodner, Martin and Martin Inc., re: Consideration of additional remediation alternatives, 8/16/94. P. 301874-301875.
20. Letter to Mr. David Turner, U.S. EPA, from Ms. Ruth Bishop, PADER, re: Comments on the draft Record of Decision for the York County Landfill, 9/20/94. P. 301876-301879.
21. Memorandum to Mr. David Turner, U.S. EPA, from Mr. Greg Koltonuk, U.S. EPA, re: Completed review of the ROD, 9/27/94. P. 301880-301880.
22. Memorandum to file from Mr. David P. Turner, U.S. EPA, re: Resolving outstanding issues with respect to the Risk Assessment for the site, 12/20/94. P. 301881-301889. The York County Landfill Summary of Risk Assessment by Various Methods and the Residential Wells RI Data Pre-April 1990 are attached.
23. Memorandum to Mr. David Turner, U.S. EPA, from Ms. Jennifer Hubbard, U.S. EPA, re: Certification of the Baseline Risk Assessment for the site, 12/20/94. P. 301890-301891.
24. Letter to Mr. David Turner, U.S. EPA, from Mr. Douglas A. Donor, U.S. EPA, re: The RCRA Programs' comments on the December 1994 ROD for the York County Landfill, 12/21/94. P. 301892-301892.
25. Letter to Mr. Peter H. Kostmayer, U.S. EPA, from Mr. Hugh V. Archer, PADER, re: Review of the ROD and concurrence with the Remedial Action to be implemented at the site, 12/29/94. P. 301893-301894.
26. Record of Decision, York County Solid Waste Landfill Site, 12/29/94. P. 301895-301999. Appendix A - Figures, Appendix B - Tables, and Appendix C - The Responsiveness Summary, are attached.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Location map, Well DGC-36, Temperature and Caliper, 9/5/89. P. 500001-500001.
2. Location map, Well DGC-36, Fluid Resistance, 9/5/89. P. 500002-500002.
3. Location map, Well DGC-36, SP and Gamma, 9/5/89. P. 500003-500003.
4. Location map, Well DSG-37, Fluid Resistance, 9/5/89. P. 500004-500004.
5. Location map, Well DSG-37, Temperature and Caliper, 9/5/89. P. 500005-500005.
6. Location map, Well DGC-38, SP and Gamma, 9/5/89. P. 500006-500006.
7. Location map, Well DGC-38, Temperature and Caliper, 9/5/89. P. 500007-500007.
8. Location map, Well DGC-39, Fluid Resistance, 9/6/89. P. 500008-500008.
9. Location map, Well DGC-39, Temperature and Caliper, 9/6/89. P. 500009-500009.
10. Location map, Well DGC-40, Temperature and Caliper, 9/6/89. P. 500010-500010.
11. Location map, Well DGC-40, SP and Gamma, 9/6/89. P. 500011-500011.
12. Location map, Well DGC-41, SP and Gamma, 9/6/89. P. 500012-500012.
13. Location map, Well DGC-41, Temperature and Caliper, 9/6/89. P. 500013-500013.
14. Location map, Well DGC-42, Temperature and Caliper, 9/6/89. P. 500014-500014.
15. Location map, Well DGC-42, Fluid Resistance, 9/6/89. P. 500015-500015.
16. Location map, Well DGC-42, SP and Gamma, 9/6/89. P. 500016-500016.

17. Location map, Well DGC-43, Fluid Resistance, 9/7/89.
P. 500017-500017.
18. Location map, Well DGC-44, Temperature and Caliper,
9/7/89. P. 500018-500018.
19. Location map, Well DGC-44, SP and Gamma, 9/7/89.
P. 500019-500019.
20. Location map, Well DGC-45, Temperature and Caliper,
9/7/89. P. 500020-500020.
21. Location map, Well DGC-45, Fluid Resistance, 9/7/89.
P. 500021-500021.
22. U.S. EPA Fact Sheet, re: Site Status, York County
Solid Waste and Refuse Authority Landfill, York County,
Pennsylvania, 7/94. P. 500022-500025.
23. Letter to Mr. David Turner, U.S. EPA, from Mr. Dale E.
Heil and Ms. Maria D. Heil, re: Support of plan 4B-D:
existing treatment scheme with enhanced biodegradation
using inorganic removal technologies, 8/1/94.
P. 500026-500026.
24. Transcript of public meeting, re: Proposed Plan, York
County Solid Waste Landfill, 8/15/94. P. 500027-
500125.
25. Letter to Mr. David Turner and Mr. David Sternberg,
U.S. EPA, from Ms. Patricia R. Schaub, Hopewell
Township, re: Announcement that the Landfill Policy
Statement was adopted at the September 1, 1994 public
meeting, 9/8/94. P. 500126-500127. The Landfill
Policy Statement is attached.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. EPA Guide for Minimizing Adverse Environmental Effects of Cleanup of Uncontrolled Hazardous-Waste Sites, prepared by Environmental Research Laboratory, 6/1/85. EPA/600/8-85/008
2. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, prepared by OSWER/OERR, 10/1/88. OSWER 9355.3-01
3. Policy on Flood Plains and Wetland Assessments for CERCLA Actions, prepared by W.N. Hedeman, Jr./G. Lucero, OERR/OWPE, 8/1/85. OSWER 9280.0-02
4. Superfund Remedial Design and Remedial Action Guidance, prepared by OERR, 6/1/86. OSWER 9355.0-4A
5. Superfund State-Lead Remedial Project Management Handbook, prepared by OERR, 12/1/86. OSWER 9355.2-1
6. Getting Ready - Scoping the RI/FS [Quick Reference Fact Sheet], prepared by OSWER, 11/1/89. OSWER 9355.3-01FS1
7. The Feasibility Study - Development and Screening of Remedial Action Alternatives [Quick Reference Fact Sheet], prepared by OSWER, 11/1/89. OSWER 9355.3-01FS3
8. The Feasibility Study: Detailed Analysis of Remedial Action Alternatives [Quick Reference Fact Sheet], prepared by OSWER, 3/1/90. OSWER 9355.3-01FS4
9. Data Quality Objectives for Remedial Response Activities: Development Process, prepared by CDM Federal Programs Corp./OERR/OWPE, 3/1/87. OSWER 9355.0-7B
10. Field Screening Methods Catalog: User's Guide, prepared by OERR/HSED, 9/1/88. EPA/540/2-88/005
11. Field Standard Operating Procedures Manual #4-Site

- Entry, prepared by OERR/HRSD, 1/1/85.
OSWER 9285.2-01
12. Field Standard Operating Procedures Manual #6-Work Zones, prepared by OERR/HRSD, 4/1/85.
OSWER 9285.2-04
 13. Field Standard Operating Procedures Manual #8-Air Surveillance, prepared by OERR/HSCD, 1/1/85.
OSWER 9285.2-03
 14. Field Standard Operating Procedures Manual #9-Site Safety Plan, prepared by OERR/HRSD, 4/1/85.
OSWER 9285.2-05
 15. Practical Guide for Ground-Water Sampling, prepared by M.J. Barcelona, et al/M.R. Scalf, Illinois State Water Survey/ORD/ERL, 9/1/85.
EPA/600/2-85/104
 16. Test Methods for Evaluating Solid Waste, Laboratory Manual Physical/Chemical Methods, Third Edition (Volumes IA, IB, IC, and II), prepared by OSWER, 11/1/86.
 17. Land Disposal Restrictions, prepared by H.L. Longest/G. Lucero, OERR, 8/11/87.
 18. Applicability of Land Disposal Restrictions to RCRA and CERCLA Ground Water Treatment Reinjection, Superfund Management Review: Recommendation No. 26, prepared by D.R. Clay/OSWER, 12/27/89.
OSWER 9234.1-06
 19. Superfund LDR Guide #1, Overview of RCRA Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER 9347.3-01FS
 20. Superfund LDR Guide #2, Complying with the California List Restrictions Under Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER 9347.3-02FS
 21. Superfund LDR Guide #3, Treatment Standard and Minimum Technology Requirements Under Land Disposal Restrictions (LDRs), prepared by OERR, 7/1/89.
OSWER 9347.3-03FS
 22. Superfund LDR Guide #4, Complying with the Hammer

Restrictions Under Land Disposal Restrictions (LDRs),
prepared by OERR, 7/1/89.
OSWER 9347.3-04FS

23. Superfund LDR Guide #5, Determining When Land Disposal Restrictions (LDRs) are Applicable to CERCLA Response Actions, prepared by OERR, 7/1/89.
OSWER 9347.3-05FS
24. Superfund LDR Guide #6A, Obtaining a Soil and Debris Treatability Variance for Remedial Actions, prepared by OERR, 7/1/89.
OSWER 9347.3-06FS
25. Superfund LDR Guide #8, Determining When Land Disposal Restrictions (LDRs) are Relevant and Appropriate to CERCLA Response Actions, prepared by OERR, 12/1/89.
OSWER 9347.3-08FS
26. RCRA Ground-Water Monitoring Technical Enforcement Guidance Document, TEGD: Executive Summary, prepared by G.A. Lucero/OWPE, 7/1/87.
OSWER 9950.1-a
27. A Guide on Remedial Actions for Contaminated Ground Water [Quick Reference Fact Sheet], prepared by OSWER, 4/1/89.
OSWER 9283.1-2FS
28. Considerations in Ground Water Remediation at Superfund Sites, prepared by OSWER, 10/18/89.
OSWER 9355.4-03
29. EPA's Implementation of the Superfund Amendments and Reauthorization Act of 1986, prepared by L.M. Thomas/EPA, 5/21/87.
30. ARARs Q's & A's [Quick Reference Fact Sheet], prepared by OSWER, 5/1/89.
OSWER 9234.2-01FS
31. ARARs Short Guidance Quarterly Report [Quick Reference Fact Sheet], prepared by OSWER, 12/1/89.
OSWER 9234.3-001
32. ARARs Short Guidance Quarterly Report [Quick Reference Fact Sheet], prepared by OERR/OPM, 3/1/90.

OSWER 9234.3-001

33. CERCLA Compliance with Other Laws Manual - CERCLA Compliance with State Requirements [Quick Reference Fact Sheet], prepared by OSWER, 12/1/89.
OSWER 9234.2-05FS
34. CERCLA Compliance with Other Laws Manual - CERCLA Compliance with the CWA and SDWA [Quick Reference Fact Sheet], prepared by OSWER, 2/1/90.
OSWER 9234.2-06FS
35. CERCLA Compliance with Other Laws Manual - Overview of ARARs - Focus on ARAR Waivers [Quick Reference Fact Sheet], prepared by OSWER, 12/1/89.
OSWER 9234.2-03FS
36. CERCLA Compliance with Other Laws Manual - Summary of Part II - CAA, TSCA, and Other Statutes [Quick Reference Fact Sheet], prepared by OERR/OPM, 4/1/90.
OSWER 9234.2-07FS
37. CERCLA Compliance with Other Laws Manual, Part II: Clean Air Act and Other Environmental Statutes and State Requirements, prepared by OERR, 8/1/89.
OSWER 9234.1-02
38. Control of Air Emissions from Superfund Air Strippers at Superfund Groundwater Sites, prepared by OSWER/QAQPS, 6/15/89.
OSWER 9533.0-28
39. Guidance Document for Providing Alternate Water Supplies, prepared by OERR, 2/1/88.
OSWER 9355.3-03
40. Quality Criteria for Water, 1986, prepared by Office of Water Regulations and Standards, 5/1/87.
EPA/440/5-86-001
41. ATSDR Health Assessments on NPL Sites (Draft), prepared by Department of Health and Human Services/ATSDR, 6/16/86.
42. Chemical, Physical & Biological Properties of Compounds Present at Hazardous Waste Sites, prepared by Clement Associates, Inc., 9/27/85.

OSWER 9850.3

43. Final Guidance for the Coordination of ATSDR Health Assessment Activities with the Superfund Remedial Process, prepared by J.W. Porter/OSWER/OERR/ATSDR, 5/14/87.
OSWER 9285.4-02
44. Guidelines for Carcinogen Risk Assessment (Federal Register, September 24, 1986, p. 33992), prepared by EPA, 9/24/86.
45. Guidelines for Exposure Assessment (Federal Register, September 24, 1986, p. 34042), prepared by EPA, 9/24/86.
46. Guidelines for the Health Risk Assessment of Chemical Mixtures (Federal Register, September 24, 1986, p. 34014), prepared by EPA, 9/24/86.
47. Integrated Risk Information System (IRIS) [A Computer-Based Health Risk Information System Available Through E-Mail--Brochure on Access is Included], prepared by OHEA, (undated).
48. Superfund Exposure Assessment Manual, prepared by OERR, 4/1/88.
OSWER 9285.5-1
49. Superfund Public Health Evaluation Manual, prepared by OERR/OSWER, 10/1/86.
OSWER 9285.4-1
50. Toxicology Handbook, prepared by Life Systems, Inc./T.E. Tyburski/OWPE, 8/1/85.
OSWER 9850.2
51. Air/Superfund National Technical Guidance Study Series Volume I - Applicability of Air Pathway Analyses for Superfund Activities, prepared by EPA Region III/NUS Corp., 12/1/88.
52. Air/Superfund National Technical Guidance Study Series Volume II - Estimation of Baseline Air Emissions at Superfund Sites, prepared by OAQPS/Radian Corp., 1/1/89.
EPA/450/1-89/002
53. Air/Superfund National Technical Guidance Study Series

Volume III - Estimation of Air Emissions from Cleanup Activities at Superfund Sites, prepared by OAQPS/Radian Corp., 1/1/89.
EPA/450/1-89/003

54. Air/Superfund National Technical Guidance Study Series - Volume IV, Procedures for Dispersion Modeling and Air Monitoring for Air Pathway Analyses (Draft), prepared by EPA Region III/NUS Corp., 12/1/88.
55. Exposure Factors Handbook, prepared by OHEA, 7/1/89.
EPA/600/8-89/043
56. Guidance for Soil Ingestion Rates, prepared by OSWER, 1/27/89.
OSWER 9850.4
57. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, prepared by OERR, 9/29/89.
OSWER 9285.7-01a
58. Risk Assessment Guidance for Superfund, Volume II, Environmental Evaluation Manual, prepared by OERR, 3/1/89.
EPA/540/1-89/001
59. The Remedial Investigation - Site Characterization and Treatability Studies [Quick Reference Fact Sheet], prepared by OSWER, 11/1/89.
OSWER 9355.3-01FS2
60. Toxicological Profile for Trichloroethylene, prepared by ATSDR, 10/1/89.
61. Toxicological Profile for Vinyl Chloride, prepared by ATSDR, 8/1/89.
62. Interim Guidance on Potentially Responsible Party Participation in Remedial Investigations and Feasibility Studies, prepared by J.W. Porter/OSWER, 5/16/88.
OSWER 9835.1a